

# **Quality Systems Manual**

## **Materials Division**

### **Section 1 - Division Information**

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## Scope of Laboratory Direction

The central laboratory provides project level testing, assistance, training and problem solving for regions, districts, field laboratories and construction personnel covering a broad area of expertise for highway materials.

Service includes testing of physical and chemical properties for

- Soils
- aggregates
- asphalt cement binders
- emulsions
- chemistry
- asphalt concrete mixtures
- Portland cement concrete
- steel paint epoxies
- geotechnical fabrics and plastics

The central laboratory provides direction for implementing new pavement materials, products, methods, and programs before they are implemented by the departments.

## Department Location and Contact

**Location**            Utah Department of Transportation  
4501 South 2700 West  
Salt Lake City, Utah 84114-8220

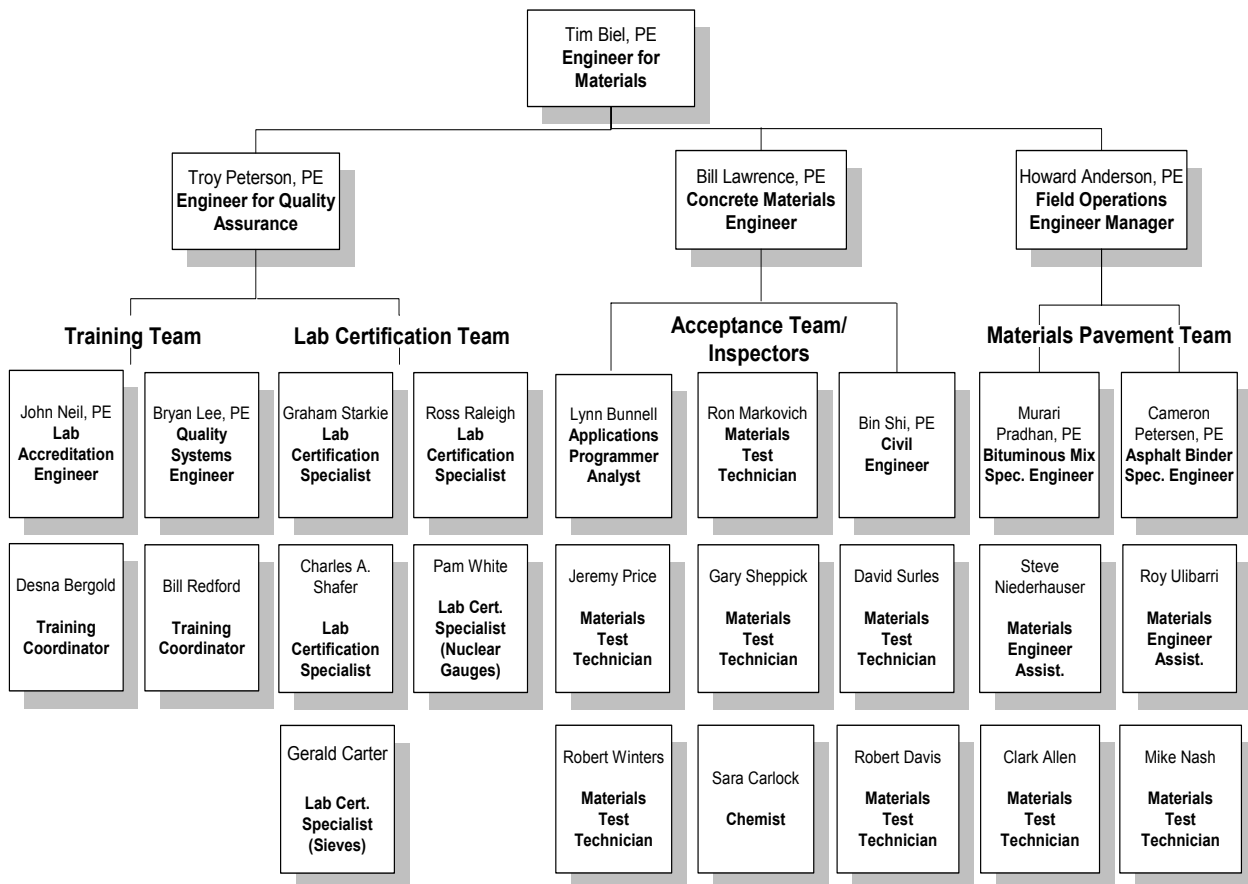
**Contact**            Troy Peterson, P.E.  
Quality Assurance Engineer  
(801) 965-3814  
(801) 965-4101                      fax  
[TLPeterson@utah.gov](mailto:TLPeterson@utah.gov)                email

### Professional Affiliations

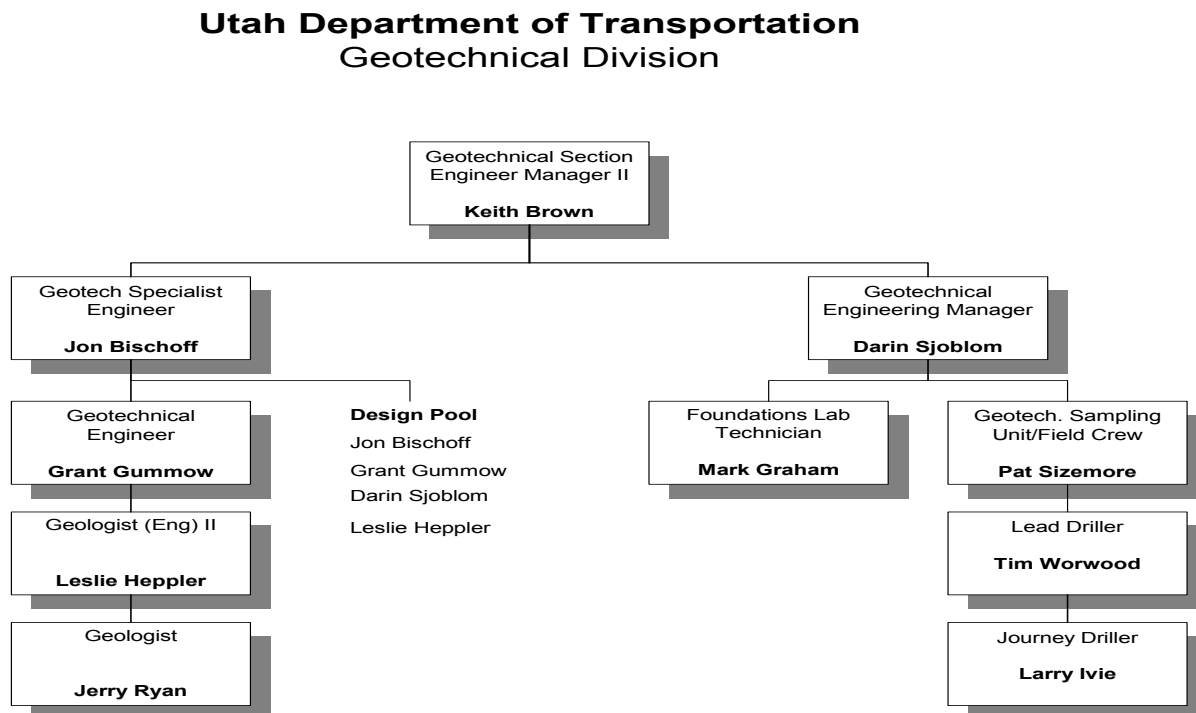
American Association of State Highway Transportation Officials (AASHTO)  
AASHTO Materials Reference Laboratory  
American Society for Testing Materials  
Cement and Concrete Reference Laboratory  
Western Cooperative Test Group  
Rocky Mountain Asphalt User-Producer Group  
International Slurry Seal Association  
Western Alliance for Quality Transportation Construction (WAQTC)

# Organization

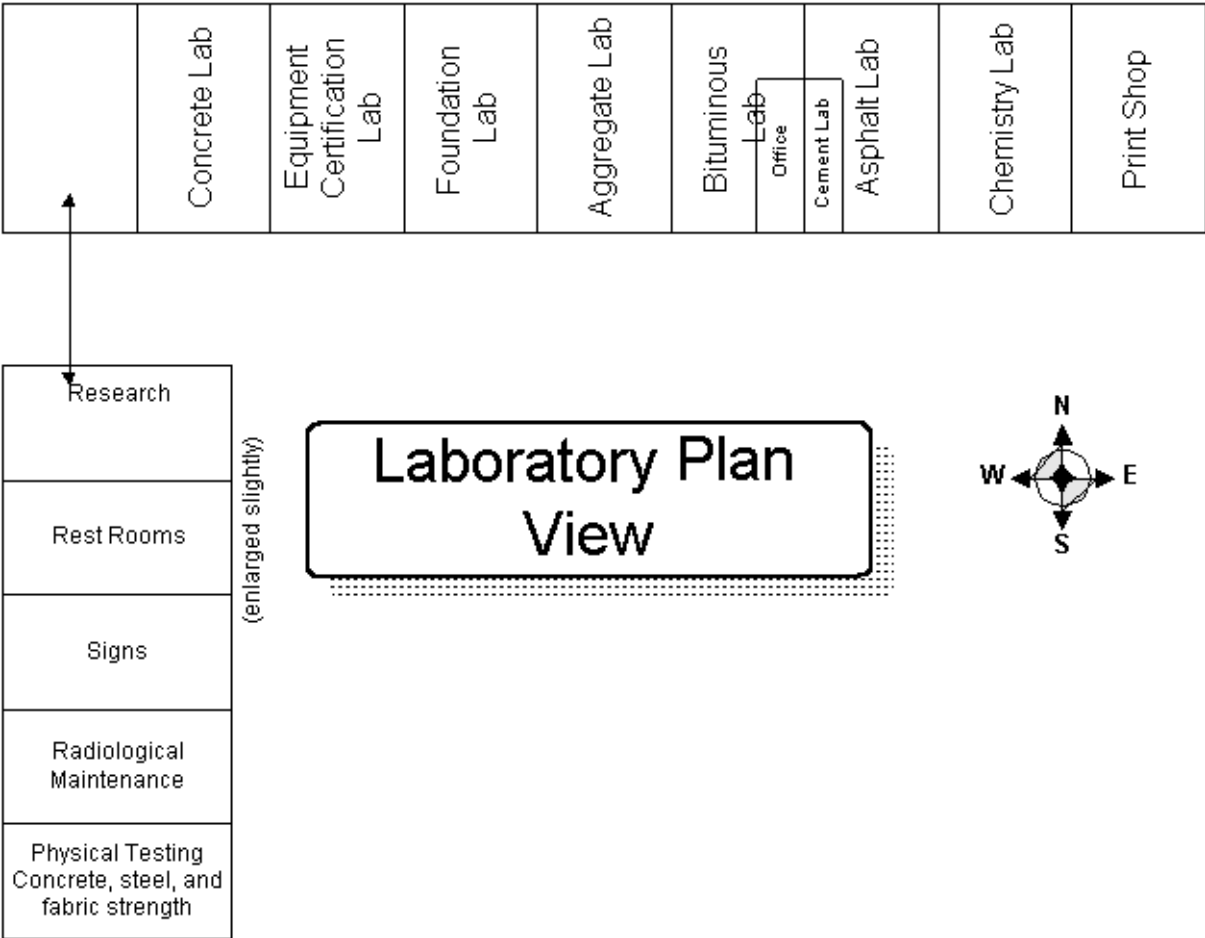
## Materials Division



## Geotechnical Division



# Materials Laboratory Plan View



## Vision Statements

### **Materials Division:**

Our qualified personnel will provide designs, develop performance based specifications, and conduct a quality assurance program to ensure materials that provide customer satisfaction.

### **Geotechnical Division:**

Our qualified personnel will perform geological investigations and laboratory testing to determine engineering properties of soils and aggregates, and provide geotechnical analyses and designs to ensure that Utah's transportation systems provide customer satisfaction.

### **Quality Assurance Division:**

Our goal is to develop and administer a Quality Assurance program to assure our customers of quality laboratory testing and construction practices.